# INDEX TO VOLUME 47

Acanthis flammea flammea, 267

Accipiter cooperii, 150, 167, 200, 216

gentilis, 215, 264 striatus, 200, 219

Aegialitis nivosa, 212

tenuirostris, 212

Wilsonius var. rufinucha, 212

Aëronautes saxatalis, 150

Aethia, 159, 160

Agelaius, 184, 187

Agelaius phoeniceus, 152, 186

tricolor, 152

Aix sponsa, 169

Albatross, Black-footed, 128

Laysan, 47

Royal, 46, 47, 50, 51

Alca, 156, 160

Aldrich, Elmer C., nesting of the Allen hummingbird, 137

Alectoris graeca, 133, 150

Allen, Mrs. Amelia Sanborn, biography of, 220

Amaurospiza aequatorialis, 225-228

axillaris, 225-228

concolor aequatorialis, 225-228

concolor australis, 225-228

concolor concolor, 225-228

concolor grandior, 225-228

moesta, 225-228

relictus, 225-228

Amaurospizopsis relictus, 225-228

Ammodramus savannarum, 153

savannarum perpallidus, 169

Amphispiza belli nevadensis, 218

Anas carolinensis, 132

Anthus spinoletta, 152

Aphelocoma californica, 206-210, 261-263, 269

coerulescens, 23, 206

coerulescens cactophila, 229-260

coerulescens californica, 229-260

coerulescens coerulescens, 229-260

coerulescens cyanotis, 229-260

coerulescens grisea, 229-260

coerulescens hypoleuca, 229-260

coerulescens insularis, 229-260

coerulescens nevadae, 24-26, 229-260

coerulescens obscura, 229-260

coerulescens oocleptica, 229-260

coerulescens remota, 229-260

coerulescens sumichrasti, 229-260

coerulescens superciliosa, 229-260

coerulescens texana, 229-260

coerulescens woodhouseii, 23-26, 229-260

sordida arizonae, 229-260

sordida colimae, 229-260

sordida couchii, 229-260

sordida sieberii, 229-260 sordida sordida, 229-260

sordida wollweberi, 229-260

unicolor, 229-260

unicolor griscomi, 256

unicolor guerrerensis, 255

Aquila chrysaëtos, 150, 171

chrysaëtos canadensis, 69

Archilochus alexandri, 3-21 Arenaria interpres, 263

interpres interpres, 213

interpres morinella, 213

interpres oahuensis, 79

Asio flammeus, 216, 265

flammeus, 38, 39 flammeus galapagoensis, 199

Astur atricapillus, 171

Asyndesmus lewis, 263

Auk, Great, 158

## B

Baldpate, 131, 132

Baldwin, Paul H., the Hawaiian goose, its dis-

tribution and reduction in numbers, 27

Barbet, Prong-billed, 88

Behle, William H., and Ross, Aaron, miscellaneous records of birds uncommon in Utah, 168

Bené, Frank, the role of learning in the feeding behavior of black-chinned hummingbirds.

Bernicla sandvicensis, 28

Berry, Arthur L., rose-breasted grosbeak in Los

Angeles County, California, 268

Bittern, Least, 172

Blackbird, Brewer, 152, 216, 219

Red-winged, 73, 152, 186, 219

Tricolored, 73, 152

Bluebird, Eastern, 263

Mexican, 130, 131

Mountain, 152 Bobolink, 134

Bombycilla cedrorum, 152, 173

garrula pallidiceps, 133

Bonasa umbellus, 263

umbellus phaios, 171

umbellus yukonensis, 265

Booby, Brewster, 129

Bond, R. M., a record of the snowy owl in

southern California, 217

Brachyramphus, 154-159

brevirostris, 159 marmoratus, 155, 157-159

Brambling, 117

Brooks, Allan, review of "The Family Anatidae,"

by Jean Delacour and Ernst Mayr, 221

Bryant, Harold C., winter record of red-winged

blackbirds at Grand Canyon, Arizona, 219

Bryant, Harold C., and Bryant, Amy M., another nighthawk migration on an Arizona

desert, 268 Bubo virginianus, 132, 161

virginianus lagophonus, 171

virginianus pacificus, 69

Bunting, Lark, 128 Snow, 41, 267 Bush-tit, Black-eared, 86 Lead-colored, 81, 82 Buteo galapagoensis, 199 jamaicensis, 150, 200, 271 jamaicensis calurus, 167 lineatus, 150, 263 platypterus platypterus, 81 regalis, 150 Butorides virescens, 263 virescens anthonyi, 218, 219

C Calamospiza melanocorys, 128 Callaeas cinerea, 233 Calypte anna, 79, 137, 151 Camarhynchus, 197 Canachites canadensis canadensis, 265 canadensis osgoodi, 265 franklini, 171 Canvasback, 131, 132 Carpodacus cassinii, 130, 202-205

cassinii cassinii, 203-205 cassinii vinifer, 203-205 mexicanus, 152, 193, 208 mexicanus frontalis, 119 purpureus, 152, 178, 202-205 purpureus californicus, 202-205 purpureus purpureus, 202-205 purpureus rubidus, 202-205 Catbird, 263

Cathartes aura, 150, 200, 271 Centurus rubricapillus, 93 Ceophloeus pileatus picinus, 171 Cepphus, 156, 158 carbo, 155 Certhia familiaris, 85, 172 Chaffinches, 116

Charadrius alexandrinus nivosus, 212 alexandrinus tenuirostris, 212 wilsonius cinnamominus, 213 wilsonius rufinucha, 212 Chat, 269, 270

Chen caerulescens, 167 Chickadee, Brown-headed, 267 Black-capped, 119, 266, 267 Carolina, 119 Mountain, 130, 131, 172 Chlidonias nigra surinamensis, 169 Chondestes grammacus, 153 Chordeiles acutipennis, 150 minor, 268

Cinclus mexicanus, 172 Circus cyaneus, 150 Cissa, 233 Coereba mexicana, 93 Colaptes auratus, 63-65

auratus luteus, 67, 69 cafer, 63-66, 151, 215 cafer collaris, 67-69

chrysocaulosus, 63 chrysoides, 63 mexicanoides, 63 Colymbus, 156 auritus, 263 grisegena, 263 Comby, J. H., kingfisher nesting near Whittier,

California, 40; hooded merganser at Los Angeles, California, 129 Condor, California, 38

South American, 167, 168

Conover, Boardman, notes on some American shorebirds, 211

Coot, American, 263 Corvus, 254, 255 azureus, 233 brachyrhynchos, 263 corax, 151, 200, 266 frugilegus, 234 fuliginosus, 233, 234 pica, 233 vagabundus, 233

Cottam, Clarence, diving habits of the shoveller duck, 39; the ruddy turnstone in Utah, 79; some records of birds in Utah, 172; feeding habits of the Clark nutcracker, 186; California gulls feeding on midges,

216 Cowbird, 39 Cowles, R. B., snail-eating by the California jay, 269

Creciscus jamaicensis coturniculus, 81 Creeper, Brown, 85, 86, 131, 172 Crossbill, Red, 178, 218, 267 Crow, American, 263 Hawaiian, 36

Crypsirina varians, 233 Cryptoglaux funerea richardsoni, 265 Cyanocephalus cyanocephalus, 129

Cyanocitta, 233, 234 cristata, 207 stelleri, 215, 263 stelleri annectens, 172 Cyanocorax caeruleus, 233 Cyanopica, 234 Cyclorrynchus, 159, 160

Delacour, Jean, and Mayr, Ernst, "The Family Anatidae," review of, 221 Dendragapus obscurus pallidus, 171 Dendrocincla anabatina, 90 Dendrocincla, Carriker, 90, 92 Dendrocitta rufa, 233 Dendrocygna autumnalis, 82 bicolor fulva, 218 Dendroica aestiva, 152 auduboni, 152, 216 auduboni auduboni, 130 townsendi, 86, 169

Dicrorhynchus frantzii, 88

Diomedea epomophora sandfordi, 46

immutabilis, 47

nigripes, 128

Dolichonyx oryzivorus, 134

Dove, Chinese Spotted, 208

Inca, 80, 81

Mourning, 39, 41, 73-76, 150, 153

Ring-necked, 40 White-winged, 39, 40

Dovekie, 156

Dryobates albolarvatus albolarvatus, 171

pubescens, 119, 171

villosus, 87

villosus leucothorectis, 130

villosus monticola, 171

Duck, Black, 39

Black-bellied Tree, 82

Ring-necked, 81

Shoveller, 39

Wood, 169

Duff, C. V., another southern California record of the Tennessee warbler, 41

Dumetella carolinensis, 263

Duvall, Allen J., variation in Carpodacus purpureus and Carpodacus cassinii, 202

## E

Eagle, Bald, 38, 171

Golden, 64, 70, 150, 171

Elanus leucurus, 163

Emberiza citrinella citrinella, 117

Endomychura, 154-160

craveri, 155, 157, 158

hypoleuca, 155, 157, 158 Erolia alpina alpina, 214

alpina centralis, 214

alpina pacifica, 214

alpina sakhalina, 214

Erickson, Mary M., a Harris sparrow at Santa

Barbara, California, 268

Eugenes fulgens, 4

Euphagus cyanocephalus, 152, 216

Falco mexicanus, 150

peregrinus, 150

sparverius, 70, 129, 150, 200

Falcon, Prairie, 150

Fieldfare, 117

Finch, Cassin, 130, 137, 202-205

Galapagos, 177-201

Ground, 177-201

House, 73, 118, 152, 153, 207, 208

Purple, 152, 178, 202-205

Washington Purple, 202-205

Western Cassin, 202-205 Fisher, Harvey I., black-footed albatrosses eat-

ing flying fish, 128

Flicker, 63, 72

Red-shafted, 151, 215

Flycatcher, Ash-throated, 151

Crested, 263

Olive-sided, 263

Russet-collared, 86

Wright, 131

Fratercula, 160

Fringilla coelebs, 116

montifringilla, 117

wrangelli, 269

Fulica americana, 263

Gallus domesticus, 79, 162

Garrulus, 234

Gavia, 156

Geococcyx californianus, 150, 263

Geospiza, 177-201

acutirostris, 196

debilirostris, 196

difficilis, 196

fortis, 178-201

fuliginosa, 178-201 magnirostris, 178-201

scandens, 178-201

Gilman, M. French, biography of, 42

Glaucidium gnoma pinicola, 169

Glaucopis cinerea, 233

leucoptera, 233

varians, 233

Glyphorhynchus cuneatus, 90

Gnatcatcher, Blue-gray, 152 Goldfinch, Arkansas, 153

Green-backed, 41, 73 Lawrence, 41, 73

Willow, 73

Goose, Blue, 167

Emperor, 167

Hawaiian, 27-37 Lesser Snow, 167

Goshawk, 171, 215, 264

Grant, Chapman, drone bees selected by birds,

Gray, John A., Jr., land birds at sea, 215

Grebe, Horned, 263

Red-necked, 263

Griscom, Ludlow, "Modern Bird Study," review

of, 175, 176

Grosbeak, Black-headed, 73, 152, 263

Blue, 218

Evening, 130, 134, 173, 178

Pine, 172, 267

Rose-breasted, 268

Grouse, Dusky, 171

Franklin, 171

Ruffed, 171, 263, 265

Sharp-tailed, 264, 265

Spruce, 265

Guiraca caerulea salicarius, 218

Gull, Bonaparte, 263

California, 216

Gymnogyps californianus, 38

## H

Haliaeëtus leucocephalus, 38, 171 Hawbecker, Albert C., food habits of the barn owl, 161

Hawk, Broad-winged, 81

Cooper, 150, 167, 200, 216

Duck, 150

Ferruginous Rough-legged, 150

Marsh, 81, 150, 153

Red-shouldered, 150, 263

Red-tailed, 150, 200, 271

Sharp-shinned, 200, 219

Sparrow, 70, 129, 150, 153, 200

Western Red-tailed, 167

Hedges, R. Frank, evening grosbeaks feeding on Russian olive berries, 173

Hedymeles ludovicianus, 268

melanocephalus, 152, 263

Heleodytes brunneicapillus, 263

Heron, Green, 218, 219, 263

Hesperiphona vespertina, 130, 173, 178

vespertina brooksi, 134

Hesperornis, 156

Heteralocha acutirostris, 155

Hill, M. Eugene, shrike robs sparrow hawk, 129

Hirundo erythrogaster, 263

rustica, 15

Hoffmeister, Donald F., snow bunting in New

Mexico, 41

Honeycreeper, Mexican, 93

Huey, Laurence M., sporadic recurrence of redbreasted nuthatches in San Diego city parks, 129

Hummingbird, Allen, 137-148, 181

Anna, 79, 137, 147, 151

Black-chinned, 3-21

Blue-throated, 4

Broad-tailed, 130

Rivoli, 4

Hylocichla guttata, 151

guttata dwighti, 169

guttata guttata, 169

guttata polionota, 131, 169 ustulata, 151, 216

Icteria virens, 269 Icterus bullockii, 152

spurius, 39

Ingles, Lloyd G., regular winter occurrence of the evening grosbeak at Chico, California, 130; nesting of the goshawk in Sequoia National Park, California, 215

Ixobrychus exilis, 172

Jacana spinosa intermedia, 211

spinosa jacana, 211

spinosa melanopygia, 211

spinosa violacea, 211

Jaeger, Long-tailed, 173 Jay, Blue, 207

California, 23, 206-210, 261-263, 269

Canada, 266

Florida, 23, 206 Piñon, 129

Santa Cruz Island, 23

Scrub, 23, 24

Steller, 131, 172, 215, 263

Woodhouse, 23

Jenkins, Hubert O., osprey nesting in Humboldt

County, California, 79

Jewett, Stanley G., the blue goose in California, 167; the calliope hummingbird at Portland, Oregon, 170; breeding of the green heron in northwestern Oregon, 219; a second specimen of the eastern pileolated warbler taken in Oregon, 269

Johnson, Halbert T., California condors in San Luis Obispo, County, California, 38

Jollie, Malcolm T., notes on raptors in the Boulder Area, Colorado, 38; three species of birds new to Boulder County, Colorado, 81; miscellaneous bird notes from the Boulder Area, Colorado, 133

Junco caniceps caniceps, 130

hyemalis hyemalis, 95-127

oreganus, 153, 181, 216

oreganus montanus, 95-127

oreganus oreganus, 95-127

oreganus pinosus, 95-127, 218 oreganus shufeldti, 95-127

oreganus thurberi, 95-127

Junco, Gray-headed, 130, 131 Oregon, 95-127, 153, 181, 216, 218

Kent, W. A., autumnal occurrence of a mountain white-crowned sparrow, 219

Killdeer, 150

Kingbird, Cassin, 262

Eastern, 262, 263

Gray, 262

Western, 75, 151, 153, 262, 263

Kingfisher, Belted, 40, 132, 171

Kinglet, Golden-crowned, 152, 172

Ruby-crowned, 130, 131, 152, 153, 184

Sierra Golden-crowned, 77, 78

Kinsey, Eric Campbell, Tennessee warblers in Marin County, California, 215; more records of the chat in Marin County, California, 269

Kite, White-tailed, 163, 166

## L

Lack, David, "The Galapagos Finches (Geospizi-

nae)," review of, 222

Lagopus lagopus, 265

Lampornis clemenciae, 4

Lark, Horned, 151, 153 Lanius excubitor, 244

ludovicianus, 129, 152, 230-233, 244, 258

ludovicianus grinnelli, 244

ludovicianus nelsoni, 244

Larus californicus, 216

philadelphia, 263 Lepidocolaptes affinis, 85-94

affinis neglectus, 85

souleyetii, 86

Linsdale, Jean M., biography of Amelia Sanborn

Allen, 220, 221

Loomelania, 157

Lophodytes cucullatus, 129

Lophortyx californica, 150, 162

Low, Jessop B., clay bank has multiple use for

wildlife, 132

Low, Jessop B., and Nelson, Marcus, recent records of breeding waterfowl in Utah and

southern Idaho, 131

Loxia curvirostra, 178, 218, 267 curvirostra benti, 218

curvirostra sitkensis, 218

Lunda, 160

Magpie, 117

Black-billed, 120, 172, 263

Mallard, 39

Mancalla, 158

Mareca americana, 131

Marshall, William H., winter observations in the Boise National Forest, Idaho, 170

Martin, Purple, 263

Mayr, Ernst, and Delacour, Jean, "The Family

Anatidae," review of, 221

McCoy, Herbert Newby, biography of, 174

Meadowlark, Western, 152, 153

Megaceryle alcyon, 40, 132, 171

Megadyptes antipodes, 57

Melanerpes erythrocephalus, 263

Melopelia asiatica, 39

Melospiza melodia, 100, 153, 162, 181, 186

melodia montana, 170 Merganser, Common, 218

Hooded, 129

Mergus merganser americanus, 218

Michener, Harold, and Michener, Josephine R., California jays, their storage and recovery of food, and observations at one nest, 206

Miller, Alden H., birds of the yellow pine association of Potosi Mountain, southern Nevada, 130; further records of birds from central California, 217

Mimus polyglottos, 151, 261-263

Mitrephanes phaeocercus, 86

Mockingbird, 73, 75, 151, 153, 261-263

Molothrus ater, 39

Moore, Robert T., "The Transverse Volcanic Biotic Province of Central Mexico and its Relationships to Adjacent Provinces," review of, 272

Munro, J. A., notice of his "Birds of the Cariboo Parklands," 271

Murrelet, Ancient, 159

Japanese, 159

Myiarchus cinerascens, 151

crinitus, 263

Myioborus miniatus, 86

Myiochanes richardsonii, 151, 262

richardsonii richardsonii, 130 virens, 263

N

Neff, Johnson A., foster parentage of a mourning dove in the wild, 39; maggot infestation

of nestling mourning doves, 73

Nelson, Marcus, and Low, Jessop B., recent records of breeding waterfowl in Utah and southern Idaho, 131

Nene, 27-37

Nesochen sandvicensis, 27-37

Nighthawk, 268

Trilling, 150

Nucifraga, 234

columbiana, 172

Nutcracker, Clark, 172

Nuthatch, Pigmy, 131

Red-breasted, 129, 151, 172

White-breasted, 130, 172

Nuttallornis borealis, 263

Nyroca americana, 131 collaris, 81

valisineria, 131

Oceanites, 157

Oceanodroma, 157

homochroa, 218

Oporornis tolmiei, 152

Oriole, Bullock, 152

Orchard, 39

Oriturus wrangeli, 268, 269

Orr, Robert T., a study of captive Galapagos

finches of the genus Geospiza, 177

Orr, Robert T,. and Ray, Milton S., critical comments on seedeaters of the genus Amaurospiza, 225

Ortega, James L., Lawrence goldfinch eating egg of mourning dove, 41

Osprey, 79

Otocoris alpestris, 151, 162

Otus asio quercinus, 70 flammeolus, 131

Ouzel, Water, 172

Ovenbird, 90

Owl, Barn, 38, 69, 150, 161-166

Burrowing, 150, 153

Flammulated, 131

Horned, 132, 133, 161, 165, 171

Pacific Horned, 69

Pasadena Screech, 70

Richardson, 264-266

Rocky Mountain Pigmy, 169

Screech, 70

Short-eared, 38, 39, 216, 265

Snowy, 217 -

Oxyechus vociferus, 150

P

Pachyptila, 47 forsteri, 53

> turtur, 46, 50, 51, 53, 57 vittata, 53, 54, 57

Pagolla wilsonia cinnamomina, 213

Pandion haliaëtus, 79

Parra intermedia, 211

violacea, 211 Partridge, Chukar, 133, 150

Rock, 133

Parus atricapillus atricapillus, 119

atricapillus borealis, 117

atricapillus turneri, 267

bicolor, 119

carolinensis carolinensis, 119

gambeli invoensis, 130

hudsonicus, 267

hudsonicus hudsonicus, 267 palustris palustris, 117, 119

Passer domesticus, 40, 119, 152

montanus saturatus, 119

saturatus, 118

Passerculus sandwichensis, 153

Passerella iliaca, 100, 113, 114

Pedioecetes phasianellus caurus, 265

Pelagodroma, 47, 50, 51, 53, 54, 57 marina maoriana, 46, 53

Pelecanoides, 47, 50, 51, 53, 54, 57

urinatrix, 46, 53

Pelidna pacifica, 214

Penguin, Yellow-eyed, 57

Penthestes gambeli, 172

Perisoreus, 234

canadensis fumifrons, 266

Petrel, Ashy, 218 Storm, 47, 56

Petrochelidon albifrons, 132, 151, 261-263

Pewee, Eastern Wood, 263

Western Wood, 130, 131, 151, 262

Peyton, Sidney B., western red-tailed hawk catches Cooper hawk, 167; field damage by cedar waxwings, 173

Phasianus colchicus, 150, 263

Pheasant, Ring-necked, 150, 263

Phoebe, Black, 73, 151, 261, 262

Say, 151

Pica pica, 128, 233, 263

pica hudsonia, 172

pica pica, 117

Picoides arcticus, 171

tridactylus fasciatus, 266

Piculus ribiginosus, 87

Pinguinus, 156, 160

Pinicola enucleator, 172 enucleator alascensis, 267

Pipilo erythrophthalmus, 39

fuscus, 162 fuscus carolae, 269

fuscus crissalis, 269

fuscus petulans, 268

fuscus wrangeli, 269 maculatus, 162 maculatus falcifer, 119

Pipit, Water, 152

Piranga erythromelas, 263

ludoviciana, 162

Pitelka, Frank A., differentiation of the scrub jay, Aphelocoma coerulescens, in the Great Basin and Arizona, 23; review of A. M. Woodbury and H. M. Russell, Jr.'s "Birds of the Navajo Country," 83; review of Ludlow Griscom's "Modern Bird Study," 175; review of David Lack's "The Galapagos Finches (Geospizinae)," 222; review of Robert T. Moore's "The Transverse Volcanic Biotic Province of Central Mexico and its Relationships to Adjacent Provinces," 271; pterylography, molt, and age determination of American jays of the genus Aphelocoma, 229

Platysmurus leucopterus, 233, 234

Platyspiza, 197

Plectrophenax nivalis, 267

nivalis nivalis, 41

Plover, Black-bellied, 263

Polioptila caerulea, 152

Pooecetes gramineus, 216

Progne subis, 263 Psaltriparus melanotis, 86

minimus plumbeus, 81, 82

Psilorhinus morio, 233, 234

Ptarmigan, Willow, 265

Ptychoramphus, 159, 160

Puffinus gavia, 45, 46 griseus, 45-62

puffinus puffinus, 46

reinholdi, 45

tenuirostris, 217

Pygochelidon cyanoleuca, 88

Quail, Bobwhite, 207 California, 150, 153

Rail, California Black, 81 Raven, 153, 200

Holarctic, 151, 266

Ray, Milton, and Orr, Robert T., critical comments on seedeaters of the genus Amauro-

spiza, 225

Redhead, 131

Redpoll, Common, 267

Redstart, Kaup, 86

Regulus calendula, 152, 184 calendula olivaceus, 130

ignicapillus, 77

regulus, 77

regulus olivaceus, 169

satrapa, 152, 172

satrapa amoenus, 77, 78

satrapa apache, 77, 78 satrapa olivaceus, 77, 78 satrapa satrapa, 77, 78

Richardson, Frank, English sparrows versus robins, 40

Richdale, L. E., the nestling of the sooty shearwater, 45

Riparia riparia, 132

Road-runner, California, 150, 153, 263

Robin, 40, 73, 131, 151, 173, 263

Ross, Aaron, and Behle, William H., miscellaneous records of birds uncommon in Utah, 168

Russell, H. N., Jr., and Woodbury, A. M., "Birds of the Navajo Country," review of, 83

8

Salpinctes obsoletus, 151 Sapsucker, Williamson, 131, 218 Sayornis nigricans, 151, 261 saya, 151 Scardafella inca, 80, 81

Seed-eater, 225-228 Seiurus noveboracensis, 169 noveboracensis limnaeus, 169

noveboracensis notabilis, 169 Selasphorus platycercus platycercus, 130

sasin, 137-148, 181 Shearwater, Manx, 46, 47, 50, 56, 57 Slender-billed, 217

Sooty, 45-62, 216 Shrike, California, 73

Loggerhead, 65, 129, 152, 153

Sialia currucoides, 152 mexicana bairdi, 130 sialis, 263

Siskin, Pine, 178 Sitta canadensis, 129, 151, 172

carolinensis, 172 carolinensis tenuissima, 130

Skutch, Alexander F., life history of the allied woodhewer, 85

Smith, Ronald Ward, biography of, 42

Solitaire, Townsend, 131Sooter, Clarence A., starlings wintering in southern Texas, 219

Sparrow, Bell, 218 Black-chinned, 218 Chinese Tree, 118

> English, 40, 73, 98, 102, 103 Fox, 100, 113, 115, 118, 119

Gambel, 219

Golden-crowned, 100, 112, 113, 115, 118, 119, 263, 268

Grasshopper, 153 Harris, 218, 268 House, 152, 153 Lark, 153

Mountain White-crowned, 219

Nuttall, 73

Puget Sound White-crowned, 115

Savannah, 153

Song, 73, 100, 112, 117-119, 124, 153, 181, 186

Tree, 113-115, 118

Vesper, 216

Western Grasshopper, 169

Western Tree, 169

White-crowned, 98, 99, 115-117, 123, 124, 153, 207, 268

Speotyto cunicularia, 150

Sphyrapicus thyroideus thyroideus, 218

thyroideus nataliae, 218 Spinus lawrencei, 41

pinus, 178

psaltria, 153

Spizella arborea arborea, 113, 114

arborea ochracea, 169 atrogularis cana, 218 atrogularis caurina, 218

Sporophila moesta, 225-228

Squatarola squatarola, 263 Starling, 123, 177, 219

Stelgidopteryx ruficollis, 132 Stercorarius longicaudus, 173

Stoner, Emerson A., the black rail at Benicia, California, 81

Storer, Robert W., the systematic position of the murrelet genus Endomychura, 154

Streptopelia risoria, 40 Sturnella neglecta, 152, 162 Sturnus vulgaris, 172, 219 Sula leucogaster brewsteri, 129

Sutton, George Miksch, notes on the winter bird-

life of Fairbanks, Alaska, 264

Swallow, Bank, 73, 132 Barn, 73, 151, 263

Blue-and-White, 88, 92, 93 Cliff, 73, 132, 151, 261-263

Rough-winged, 132 Violet-green, 130

Swift, White-throated, 150 Sylvia communis, 116

Synthliboramphus, 154-159 antiquus, 155, 157-159

Т

Tachycineta thalassina lepida, 130

Tanager, Scarlet, 263 Teal, Green-winged, 132 Tern, American Black, 169

Noddy, 3, 14 Sooty, 3, 14

Test, Frederick H., molt in flight feathers of flickers, 63

Thrasher, Brown, 263 California, 263

Thrush, Alaska Hermit, 169

Hermit, 131, 151 Mono Hermit, 169

Russet-backed, 73, 216

Swainson, 151

Tit, Marsh, 117, 119

Willow, 117

Titmouse, Plain, 207

Tufted, 119

Tityra semifasciata, 89

Tolmarchus taylori, 262

Towhee, Brown, 73

Green-tailed, 131

San Francisco Brown, 268, 269

Spotted, 73, 120, 207 Toxostoma redivivum, 263

rufum, 263

Tree-duck, Fulvous, 218

Troglodytes, 230-233

aëdon, 151

troglodytes, 151, 172

Turdus migratorius, 40, 151, 263

pilaris, 117

Turnstone, Ruddy, 79, 263

Tyrannus dominicensis, 262

tyrannus, 262, 263

verticalis, 151, 262, 263

vociferans, 262

Tyto alba, 150, 161-166

alba pratincola, 38, 69

alba punctatissima, 199

## U

Uria aalge, 155

Urocissa, 234

Uroleuca, 234

Valentine, K. A., the Inca dove at State College, New Mexico, 80

van Rossem, A. J., the golden-crowned kinglet of southern California, 77; the eastern distributional limits of the Anna hummingbird in winter, 79; a northern occurrence of the Brewster booby, 129; cock roosts of the Texas nighthawk, 170; the earliest name for the San Francisco brown towhee, 268

Vermivora celata, 215

peregrina, 41, 215

superciliosa, 86

virginiae, 130

Vireo belli, 263

huttoni, 86

olivaceus, 263

solitarius cassinii, 130, 131, 169

Vireo, Bell, 263

Cassin Solitary, 169

Hutton, 86

Red-eyed, 263

Solitary, 130, 131

Vorhies, Chas. T., another record of the purple gallinule in Arizona, 82; black-bellied tree duck in Arizona, 82

Vultur gryphus, 167

Vulture, Turkey, 38, 150, 200, 271

Warbler, Audubon, 130, 131, 152, 153, 216

Eastern Pileolated, 269

Hartlaub, 86

Orange-crowned, 215

Pileolated, 152

Tennessee, 41, 215

Tolmie, 152

Townsend, 86, 169 Virginia, 130, 131

Yellow, 73, 152

Water-thrush, Northern, 169

Waxwing, Bohemian, 133

Cedar, 73, 152, 173

Whitethroat, 116

Wiggins, Ira L., observation of the South American condor, 167

Willett, G., does the russet-backed thrush have defective eyesight?, 216; biography of Herbert Newby McCoy, 174

Wilson, Ida DeMay, birds of the Kettleman Hills area, California, 149

Wilsonia pusilla, 152

pusilla pusilla, 269

Wolfson, Albert, the role of the pituitary, fat deposition and body weight in bird migration, 95

Woodbury, A. M., and Russell, H. N., Jr., "Birds of the Navajo Country," review of, 83

Woodhewer, Allied, 85-94

Pigmy Wedgebill, 90 Streaked-headed, 86, 89, 90, 92, 94

Woodpecker, Arctic Three-toed, 171

Costa Rican, 87

Downy, 171

Hairy, 87, 90, 130, 171

Lewis, 207, 263

Pileated, 171

Red-headed, 263

Three-toed, 266

Wagler, 93

White-headed, 171

Woolfolk, E. J., some observations of lark buntings and their nests in eastern Montana, 128

Wren, Cactus, 263

House, 112, 117, 151

Rock, 151

Winter, 151, 172

Wright, Philip L., piñon jay in Ravalli County, Montana, 129

Zenaidura macroura, 73-76, 150, 162

Zonotrichia coronata, 100, 112, 114, 263

leucophrys, 153, 162

leucophrys gambelii, 98, 219

leucophrys nuttalli, 98, 115, 117, 119

leucophrys oriantha, 219

leucophrys pugetensis, 98, 114-116

querula, 218, 268

